

Web Design in K-12 Educational Setting Fall 2008



Instructor:

Dawn Corley, Educational Technologist
Office: Sullivans Room A255
Office Phone: 243-8499
E-mail: dawn.corley@pac.dodea.edu

University of San Diego

1 Graduate Credit in Technology
15 Contact Hours
Cost: \$55 per semester unit

Meeting Dates, Time and Location:

Date: September 4 to October 30

Time: Online

Location: Blackboard in the ET / IS Collaboration Community (Online Classes)

Course Registration:

You have 10 days after the first class meeting to register online. Click the link:
<http://www.usd-online.org/studycourse.aspx>. When you get to this page, you should click on "Study Course" to register for the class.

Full Class Title: **Web Design in K-12 Educational Setting**

Class Number: **557OD**

Internet Resources:

[Using Contribute to Edit and Maintain a Classroom Web Page](#)

[Dolphinet Contribute Resources](#)

<http://www.atomiclearning.com/>

Teacher

Username: pacteacher

Password: pacteacher

<http://sites.google.com/support/>

This site provides instructions for using Google Page Creator to design a web page. You may use Google Page Creator to design your classroom homepage. It even allows you to

create subpages. However, teachers cannot put any student work, pictures of students, or any personal information about students. (DoDEA Privacy Act)

[Weebly - Create a free website and a free blog](#)- Create a free website or blog in minutes by using a simple drag and drop interface.

Webpage Examples Using Three Different Tools:

Contribute: [Mr. Foust's](#) Fifth Grade Home Page

[Google Page Creator](#): D. Corley

[Weebly](#): Ed. Philosophy

Description: This course is designed for teachers from all subject areas and all grade levels to explore how a classroom website can be a good public relations tool and effective way to deliver personalized instruction to students of all ability levels. Participants will learn specific elements that make an effective classroom website and specific features that are critical to motivate learning.

Participants will explore the essential elements of web design using Adobe' Contribute, Google Page Creator, Weebly, and Web 2.0 Tools for Educators to create and maintain a functional web site on *Dolphinet*, our school's intranet. Participants will utilize practical activities and step-by-step procedures to design, build, and post a classroom website. Participants will create templates for page layout and learn techniques for editing and maintaining classroom web pages.

Objectives:

- Connect to a website using a Contribute Connections Key
- Create new pages from existing pages and templates such as calendars
- Create new pages
- Edit existing pages
- Insert links to a page or document
- Add the contents of a Microsoft Office document to a page
- Insert graphics
- Edit graphics using Fireworks, [Picnik](#), and any other image editing software available
- Publish updated pages that will show automatically on the remote web server

Course Agenda:

Participants may use Google Page Creator, Weebly, or Contribute to create a classroom web site. (Note: Teachers may also use a combination of the three tools to design a web site.) Teachers must include the following on their classroom webpage:

- Classroom Newsletter(s) (at least 1).
- Spelling List(s) You can use the Plans in Literacy Place for at least one unit.
- Vocabulary List(s) You can use the Plans in Literacy Place for at least one unit.
- Important dates to remember for your calendars.
- Homework assignments for the following subjects:
 1. Math
 2. Science

3. Social Studies
 4. Language Arts
 5. Health
- Biographical information about yourself that reflects graduate work
 - Daily classroom schedule
 - Grading Policy
 - Homework Policy
 - Behavior (Discipline Policy)
 - DoDEA Curriculum Content Standards ([Link](#) or [PDF](#))
 - Remove your Connections Key if you use Contribute

Topics include:

1. Exploring the Contribute workspace
2. Exploring Google Page Creator
3. Exploring Weebly
4. Connecting to a website
5. Creating new pages from existing pages and blank pages
6. Editing with Contribute: Adding images, creating tables, using Office documents, retrieving earlier versions of pages, creating and deleting pages, saving drafts, publishing pages
7. Editing images using Fireworks, [Picnik](#), and any other image editing software
8. Templates and style sheets
9. Troubleshooting

Alignment with National Educational Technology Standards for Teachers

This class will help participants meet the [National Educational Technology Standards for Teachers](#) by addressing:

I. Technology Operations and Concepts

Teachers demonstrate a sound understanding of technology operations and concepts.
Teachers:

- A. Demonstrate introductory knowledge, skills, and understanding of concepts related to technology (as described in the ISTE National Education Technology Standards for Students)
- B. Demonstrates continual growth in technology knowledge and skills to stay abreast of current and emerging technologies.

II. Planning and Designing Learning Environments and Experiences

Teachers plan and design effective learning environments and experiences supported by technology. Teachers:

- A. Design developmentally appropriate learning opportunities that apply technology-enhanced instructional strategies to support the diverse needs of learners.
- B. Apply current research on teaching and learning with technology when planning learning environments and experiences.

- C. Identify and locate technology resources and evaluate them for accuracy and suitability.
- D. Plan for the management of technology resources with the context of learning activities.
- E. Plan strategies to manage student learning in a technology-enhanced environment.

III. Teaching, Learning, and the Curriculum

Teachers implement curriculum plans that include methods and strategies for applying technology to maximize student learning. Teachers:

- A. Facilitate technology-enhanced experiences that address content standards and student technology standards.
- B. Use technology to support learner-center strategies that address the diverse needs of students.
- C. Apply technology to develop students' higher-order skills and creativity.
- D. Manage student learning activities in a technology-enhanced environment.

V. Productivity and Professional Practice

- A. Use technology resources to engage in ongoing professional development and lifelong learning.
- B. Continually evaluate and reflect on professional practice to make informed decisions regarding the use of technology in support of student learning.
- C. Apply technology to increase productivity.
- D. Use technology to communicate and collaborate with peers, parents, and the larger community in order to nurture student learning.

VI. Social, Ethical, Legal and Human Issues

- A. Model and teach legal and ethical practice related to technology use.
- B. Apply technology resources to enable and empower learners with diverse backgrounds, characteristics, and abilities.
- C. Promote safe and healthy use of technology resources.